

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
72-501

SERIAL NO.
1154121

APPLICANT
WELLS ST JOHN, P.S.

FILED DATE
05/12/04

CLASS
A1

FILED NO.
1154121

LIST OF ART CITED BY APPLICANT
(Use official classification system)

U.S. PATENT DOCUMENTS

Classification	Publication Number	Date	Title	Class	Subclass	Relevant Part of Application
AA	2,942,084	1/15/1960	Recess in a			
AB						
AC						
AD						
AE						
AF						
AG						
AH						

FOREIGN PATENT DOCUMENTS

Classification	Publication Number	Date	Title	Class	Subclass	Relevant Part of Application
AM	072,077	6/2/1962	LOC			
AN	072,077	6/2/1962	LOC			
AO	072,077	6/2/1962	LOC			
AP						
AQ						

OTHER REFERENCES (including Author, Title, Date, Publication Page No.)

"Technology of Polypropylene" LITTON: C.R.C. Press, Vol. 24-76, pp. 8-11, and 18-19. 1978.

EXAMINER: [Signature]

DATE FORWARDED: 6/26/06

EXAMINER'S: I have examined the application and the claims in accordance with the provisions of the Patent Act and the rules thereunder and I am satisfied that the application is ready for issuance of a patent thereon.

Sheet 1 of 1

Cancelled

Sheet 1 of 4

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. PCJ-061	PRIORITY SERIAL NO. 05/96A138	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Veichi Iltubo, et al.		
				PRIORITY FILING DATE 9/28/2001	PRIORITY GROUP 1621	
U.S. PATENT DOCUMENTS						
*Examiner (initial)	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
[Handwritten initials]	AA	2,694,064	01/50	Simons, et al.		
	AB	2,005,706	06/35	H.W. Drost, et al.		
	AC	2,005,707	06/35	H.W. Drost, et al.		
	AD	2,576,823	11/51	A.F. Brenning, et al.		
	AE	2,697,124	12/54	R.M. Mansell, et al.		
	AF	2,900,423	08/59	L.B. Smith, et al.		
	AG	2,942,036	06/60	L.B. Smith, et al.		
	AH	3,259,500	06/66	F.W. Swamer, et al.		
	AI	3,436,430	04/69	L.E. Halle, et al.		
	AJ	3,636,173	01/72	L.E. Gardner		
	AK	3,803,241	04/74	I. Skofin, et al.		
	AL	4,158,023	06/79	von Halasz		
	AM	5,043,491	08/91	Webster, et al.		
	AN	5,057,634	10/91	Webster, et al.		
	[Handwritten initials]	AO	5,068,472	11/91	Webster, et al.	
AP		5,068,473	11/91	Kellner, et al.		
FOREIGN PATENT DOCUMENTS						
	Document Number	Date	Country	Class	Subclass	Translation Yes No
[Handwritten initials]	AQ	1,162,511	03/91	CA		
	AR	2,081,813	10/92	CA		
	AS	0 349 115 A1	01/90	EP		
	AT	0 434 407 A1	06/91	EP		
	AU	0 442 075 B1	08/93	EP		
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)						
[Handwritten initials]	AV	Herbert O. House, "Catalytic Hydrogenation and Dehydrogenation," Modern Synthetic Reactions, 2 nd ed., The Benjamin/Cummings Publishing Company (Menlo Park, CA), p. 14, 1983.				
EXAMINER [Handwritten initials]			DATE CONSIDERED 6/26/06			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

Considered

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. PCJ-051	PRIORITY SERIAL NO. 08/966.138
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Yoshiki Iitubo, et al.	
				PRIORITY FILING DATE 9/28/2001	PRIORITY GROUP 1631

U.S. PATENT DOCUMENTS							
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate	
	AA						

FOREIGN PATENT DOCUMENTS							
*Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
<i>[Signature]</i>	AB	99/62831	12/99	WO			
	AC	428,361	09/30	UK			
	AD	428,445	05/35	UK			
	AE	468,447	08/37	UK			
	AF	790,335	02/58	UK			
	AG	1,077,932	08/67	UK			
	AH	1,359,023	07/74	UK			
	AI	1,578,933	11/80	UK			
	AJ						
	AJ						




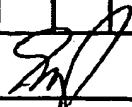
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)		
<i>[Signature]</i>	AK	J. Kvicala, et al., "Preparation of Perhalogenated Chlorofluoropropanes by Halogen Exchange in the Liquid and Vapour Phases and Their Isomer Analyses by 19F NMR Spectroscopy," <i>Journal of Fluorine Chemistry</i> , Elsevier Sequoia (Netherlands), p. 155-173, (February 5, 1989).
<i>[Signature]</i>	AL	F.J. McTigue, et al., "Methods for the Introduction of Hydrogen into Fluorinated Compounds," <i>Fluorine Chemistry Reviews</i> , 1 st ed., Vol. 1, (No. 2), p. 315-358, (February 5, 1967).
	AM	Mark D. Clineen, et al., "An Integrated Approach to Achieve Low Environmental Impact in the Special Hazards Fire Suppression Industry," Great Lakes Chemical Corporation (West Lafayette, Indiana), p. 1-8, 1989.
<i>[Signature]</i>	AN	Vladimir A. Petrov, et al., "Isomerization of Halopolyfluoroalkanes by the Action of Aluminum Chlorofluoride," <i>Journal of Fluorine Chemistry</i> , Elsevier Science S.A. (Netherlands), p. 125-130, (February 5, 1993).
	AO	B.P. Aggarwal, et al., "Chlorination of Propene and Propylene and Pyrolysis of Perchloropropane," <i>Petroleum & Hydrocarbons</i> , Vol. 3 (No. 2), p. 69-72, (July 5, 1968).
<i>[Signature]</i>	AP	Albert L. Henne, et al., "Fluorinated Derivatives of Propene and Propylene," p. 436-497, (March 5, 1946).

EXAMINER <i>[Signature]</i>	DATE CONSIDERED <i>6/28/06</i>
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Corrected

Sheet 4 of 4

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. PCJ-061	PRIORITY SERIAL NO. 07/966,138		
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Yuichi Iitaba, et al.			
				PRIORITY FILING DATE 9/28/2001	PRIORITY GROUP 1621		
U.S. PATENT DOCUMENTS							
*Examiner Initial	Document Number	Date	Name	Class	Subclass		
	AA						
FOREIGN PATENT DOCUMENTS							
	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	AB						
	AC						
	AD						
	AE						
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	AH						
	AI						
	AJ						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
 	AK	Kirk-Othmer, "Encyclopedia of Chemical Technology," Catalysts, 3 rd ed., John Wiley & Sons (New York), p. 16-18, 1985.					
	AL	Milos Hodlicky, "Chemistry of Organic Fluorine Compounds, A Laboratory Manual with Comprehensive Literature Coverage, 2 nd ed., Ellis Horwood (New York), p. 170-179, (February 8, 1993).					
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EXAMINER 		DATE CONSIDERED 6/26/06					
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. PC3-061	SERIAL NO. 10/598,731
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT: Yuichi Kubo, et al	
				FILING DATE October 31, 2003	GROUP 1821
OTHER REFERENCES, CONT. (including Author, Title, Date, Pertinent Pages, Etc.)					
9/26	AA	Burkhard, Robert E., "When It Comes to Fire Protection - Speed Counts," Automotive Industry Agenda, March 2002, one page			
	AB	Mike Barnett, "Halon Replacement for Aviation Systems," International CFC and Halon Alternatives Conference, September 28 through October 1, 1992, Washington, D.C., pages 687-672			
	AC	Thomson, Al, "FM-200, A Unique Fire Fighting Agent," 1997 Taipei International Conference on Ozone Layer Protection, December 10, 1997, 10 pages			
		The Appeal Decision in invalidation action for Patent No. 2580075, 10 pages (translation), 1463			
	AB	International Fire Protection, "Great Lakes Chemical Corporation - Company Profile," An MDM Publication, Issue 4, Nov/Dec 2000, 4 pages			
		http://www.g1greatlakes.com/Arts/products/articles.htm "Airports and Satellite Installations Protected by FM-200," "Healthcare Facilities Protected by FM-200 Waterless Fire Protection Systems," "Museums and Cultural Landmarks protected by FM-200," and "Casino Properties Protected by FM-200," 1995			
	AB	Nimlitz, et al., "Halocarbons as Halon-Replacements: Technology Review and Initiation," New Mexico Engineering Research Institute, University of New Mexico, Final Report, March 1991, 141 pages			
	AB	"A Review of the Toxic and Asphyxiating Hazards of Clean Agent Replacements for Halon 1301," A Report by the Halon Alternatives Group, February 1995, 22 pages			
	AB	Hart-Winchester, "A Burning Issue: What Products Will Replace Halon 1301?" The Computer Operations Manager, March/April 1995, pages 13-18			
	AB	Maranghides, et al., "Discharge System Modifications: Real Scale Halon 1301 Replacement Testing," Halon Options Technical Working Conference, Albuquerque, New Mexico, May 7-9, 1996, 12 pages			
	AB	ELB, "Pleasure Boat Fire Extinguisher Choices," Burgess 28, November 1986			
	AB	"Scientific Assessment of Stratospheric Ozone: 1989", sponsored by the United Nations Environmental Program			
	AB	Natl Fire Protection Assoc., Boston, "First Protection Handbook" 14 th ed., 2001, Sec 13/Chap 4, pp. 13-20 to 13-26			
	AB	Fukaya, Journal of Fluorine Chemistry, "Fire Extinguishing Ability of Perfluoralkylates and ..., 2000, pp. 143-148			
	AB	Burns, "Fluorine Compounds in Anesthesia", 1982, Vol. 37, pp. 278-284			
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	AB				
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<p>EXAMINER: Serial if reference considered, whether or not citation is in conformance with MPEP 600; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>					

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				ATTY. DOCKET NO. PC3-061		SERIAL NO. 10/698,731		
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Yuichi Iikubo, et al.			FILING DATE October 31, 2003	
				GROUP 1621				

U.S. PATENT DOCUMENTS							
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
	AA						
	AB						
	AC						
	AD						
	AE						

FOREIGN PATENT DOCUMENTS							
Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	AF	GB 2,370,768	07/02	UK			X
	AG	WO 02/40102 A2 & A3	05/02	PCT			X
	AH	WO 02/078788 A2 & A3	10/02	PCT			X
	AI	WO 02/078790 A2 & A3	10/02	PCT			X
	AJ	PCT/US2004/ 011563	04/04	International Search Report			

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	AK Derwent Publications, Ltd., Abstract; SU715092, February 15, 1980; 1 page
	AL
	AM
	AN

EXAMINER 	DATE CONSIDERED <div style="font-size: 2em; margin-left: 100px;">10/26/06</div>
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